

1&1 IONOS launches Managed Kubernetes

Free additional offer for new and existing 1&1 IONOS Enterprise Cloud Customers / Simple and efficient management of container technology

Karlsruhe / Berlin, 2nd of September 2019. 1&1 IONOS has launched a Managed Kubernetes service for new and existing Enterprise Cloud customers, offering a simple way to orchestrate and manage container workloads in day-to-day operations.

"Container technologies and Kubernetes are an essential part of modern DevOps operations. However, the management and monitoring processes are complex and often require a substantial amount of effort. With our new service, we make it very easy to get started with Kubernetes in the cloud environment," explains Achim Weiss, CEO of 1&1 IONOS.

Cost savings and happy DevOps

1&1 IONOS' Managed Kubernetes help eliminate routine jobs from DevOps teams, such as release changes, monitoring or Incident Post Mortems. "This frees up developers' time to focus on the valuable tasks that really matter," says Weiss. "After successful configuration, users can start productive operation within just a few minutes."

In addition, support for Managed Kubernetes is free within the 1&1 IONOS Enterprise Cloud, meaning that customers need only cover their usual fees for their standard IaaS components.

Market launch features

1&1 IONOS ended its public beta in August, and will be continually updating the product based on regular reviews of customer feedback. Managed Kubernetes has already been integrated into the 1&1 IONOS Data Centre Designer at a customer's request.

Key features of the service include:

- Fully integrated persistent storage (replicated block storage) as HDD/SSD
- Load Balancer object types are supported
- Full access to Kubernetes API at admin level via kubectl
- Managed Kubernetes controllable via the CLOUD API of the 1&1 IONOS Enterprise Cloud and the graphical Data Centre Designer
- Geo-redundant maintained Kubernetes Control Plane
- Geo-redundant Worker Node Pools can be set up across locations
- Customisable Node Sizes

Additional features will be added over the coming months, including the integration of a customer-centric version handling system, focussed on providing the features that create added value for users.

When used in the 1&1 IONOS Enterprise Cloud, Managed Kubernetes can take full advantage of geo-redundantly distributed Nodes, essential for Kubernetes in the cloud.

Further information at: <https://www.ionos.com/enterprise-cloud/managed-kubernetes>

About 1&1 IONOS

1&1 IONOS is a leading provider of cloud infrastructure, cloud services, and hosting with more than eight million customer contracts. The product portfolio offers everything that companies need to be successful in the cloud: from domains to classic websites and do-it-yourself solutions, from online marketing tools to full-fledged servers and IaaS solutions. The portfolio is aimed at freelancers, small businesses, and consumers as well as enterprise customers with complex IT requirements.

1&1 IONOS was created in 2018 from the merger of 1&1 and IaaS provider ProfitBricks. 1&1 IONOS is part of the listed United Internet AG (ISIN DE0005089031). The 1&1 IONOS brand family includes STRATO, Arsys, Fasthosts, home.pl, InterNetX, SEDO, United Domains and World4You.

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Facts & Figures: Managed Kubernetes

Timeline

Start of public beta phase: 18th of July 2019 / Market launch: 2st of September 2019

Features

Kubernetes Version: 1.15

Container runtime: Docker 18.0.9

Operating System: CentOS 7.5

Worker Nodes standard configuration:

- 2 AMD core
- 6 GB RAM
- 100 GB HDD
- Secure TLS communication between Master and Worker Nodes with mutual authentication

Fully integrated Persistent Storage (Block Storage) as HDD/SSD

Objects such as Load Balancer are supported

Usability

Full access to Kubernetes API at admin level via kubectl

Managed Kubernetes controllable via the CLOUD API of the 1&1 IONOS Enterprise Cloud and the graphical Data Centre Designer

Highly available Kubernetes Control Plane (geo-redundantly reproached)

Geo-redundant Worker Node Pools can be set up across locations

Kubernetes Cluster as secure, integrated part of a virtual data centre of the 1&1 IONOS Enterprise Cloud: Intelligently linked with 1&1 IONOS Enterprise Cloud Virtual Data Centre

Freely adaptable node sizes

Automatic customer notification if maintenance is required

Costs

The use of Managed Kubernetes is free for Enterprise customers. Customers only pay for the use of the required IaaS components.